Identification_Information:
Citation:
Citation_Information:
Originator: U.S. Army Corps of Engineers Jacksonville District (COMP)
Publication_Date: 20070321
Publication_Time: Unknown
Title: Jacksonville Harbor Cut 3 thru Terminal Channel & Cuts-A,F,G PCS FY07
Edition: 07-012 Project Condition Survey FY07
Geospatial_Data_Presentation_Form: map
Publication_Information:
Publication_Place: U.S. Army Corps of Engineers Jacksonvile District
Publisher: U.S. Army Corps of Engineers Jacksonville District
Description:
Abstract:
Project Condition Hydrographic Survey of the Jacksonville Harbor, 42' Project, Cut-3, Bar Cut, Station 0+00 thru Station 198+63.10, (Intersection Mayport Navy Entrance Channel). 40' Project Cut-3, Bar Cut, Station 198+63.10 thru Cut-50, Station 6+53, Drummond Point, 38' Project Cut-50, Station 6+53 thru Terminal Channel, Station 64+56, 34' Project Terminal Channel, Station. 64+56 thru Station. 86+21 (Appox. 1200 Feet Upstream from the Hart Bridge near Commodore Point), 30' Project Terminal Channel, Station 186+21 Continuing Upstream to Fec Railway Bridge at Jacksonville, 38' Project, Old River Blount Island Channel Cut-F, Station 10+00, Near Wooden Fishing Bridge Pier to the Intersection of Cut-42 (Dames Point, Fulton Cutoff). Hydrographic data collected at 100 foot station intervals. and Multi-Beam data at 42 foot grid. Soundings Are In Feet And Tenths And Refer To Mean Low Water (MLW). Refer To Datum Table This Sheet For Differences From NGVD29. All Elevations Are Below The Chart Datum Unless Preceded By A (+) Sign. Tidal Reductions Were Made From Staffs Set On A Measure Down Point On Docks In The Vicinity Of, And Referenced From, Benchmarks "STJO-307" And "STJO-204", And Measure Down Points In The Vicinity Of, And Referenced From Benchmarks "STARKE", "LIONS PARK", "Z-324", "STJO-334", "STJO-83", "0221M" And "872 0219A Tidal". Plane Coordinates Are Based On The Transverse Mercator Projection For The East Zone Of Florida And Referenced To North American Datum Of 1983 (NAD83). All Azimuths Are Grid; Reckoned Clockwise From South. All Stationing Refers To The Centerline Of The Channel. Survey Was Performed Using RTK And Differential GPS For Positioning And Utilizing The USCG Navbeacon System As The Reference Site. Vertical Measurements Were Made Using A Ross Smart Sounder Depth Recorder With A 200khz (High Frequency) Transducer For Cuts BC-3 (Sta. 80+00 - 300+00) Thru Cut-42, Cut-45 Thru Cut-55, Cut-A, Cut-F And Cut-G. A Ross Smart Sounder Depth Recorder With A 28khz (Low Frequency) Transducer Was Used For Terminal Channel. Also A Reson Multi-Beam Echo Sounder With A 200khz (High Frequency) Hull-Mounted Transducer Was Utilized For Bar Cut-3 (Sta. 0+00 - 80+00) And Cuts 43-44. Survey Boat WB-34, 31 Oct 2006, Cut-3 (Bar Cut), WB-34 03, 06 Nov 2006 Terminal Channel, WB-34 08-09 Nov 2006

Cuts 4, 5, 6, 7 & 8, Wb-34, 15-17 Nov 2006 BC-3, Terminal Channel, WB-34, 22 Nov 2006, Cut-55, WB-34 27 Nov Thru 07 Dec 2006 Cuts 9-19, 39-42, A, G, F, WB-34 01 Jan 2007 Cuts 49-50, Survey Boat Florida, 06 Feb 2007 Cuts BC-3, 43-44, WB-34, 14-15 Feb 2007 Cuts 45, 46, 47, 48 & 51, WB-34 21 Feb 2007, Cuts 52-54. Aids To Navigation Were Located For This Survey. Survey accuracy performance standards, quality control, and Quality assurance requirements were followed in accordance With USACE EM 1110-2-1003, Hydrographic Surveying, 1 Jan 02.
Purpose: Project Condition Survey
Supplemental_Information: This Data Set Consist of 55 sheets at a scale of 1" = 100'
Time_Period_of_Content:
Time_Period_Information:
Range_of_Dates/Times:
Beginning_Date: 20061031
Ending_Date: 20070221
Currentness_Reference: Ground Condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As needed
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: +081.631504
East_Bounding_Coordinate: +081.324353
North_Bounding_Coordinate: +30.394499
South_Bounding_Coordinate: +30.313490
Keywords:
Theme:
Theme_Keyword_Thesaurus: Tri - Service Spatial Data Standard
Theme_Keyword: Hydrography
Place:
Place_Keyword_Thesaurus: Florida
Place_Keyword: Duval County
Place_Keyword: Jacksonville
Place_Keyword: St Johns River
Access_Constraints: None
Use_Constraints:
The data represents the results of data collection/processing for a specific U.S. Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for it's intended use, content, time, and accuracy specifications. The user is responsible for the results of any application of the data for other than it's intended purpose.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: U.S. Army Corps of Engineers Jacksonville District Construction Operation Division
Contact_Person: Brian K. Brodehl
Contact_Position: Chief, Hydrographic Survey Section
Contact_Address:
Address_Type: mailing and physical address
Address:
U.S. Army Corps of Engineers
Jacksonville District CO-OH
701 San Marco BLVD
City: Jacksonville
State_or_Province: Florida
Postal_Code: 32232-0019

```
                        Country: USA
                Contact_Voice_Telephone: 904-232-36000
                Contact_Facsimile_Telephone: 904-232-3696
                Contact_Electronic_Mail_Address:
Brian.k.brodehl@saj02.usace.army.mil
                Hours_of_Service: Any Time
        Data_Set_Credit:
                U.S. Army Corps of Engineer Jacksonville District,
                Construction Operation Division, Operation Branch,
                Hydrographic Survey Section
        Security_Information:
                Security_Handling_Description: n/a
                Security_Classification: Other
                Security_Classification_System: n/a
        Native_Data_Set_Environment:
                Collect and edited using HyPack data acquisition software
                Processed and Mapped using Bently Microstation
Spatial_Data_Organization_Information:
        Direct_Spatial_Reference_Method: Point
        Point_and_Vector_Object_Information:
                SDTS_Terms_Description:
                        SDTS_Point_and_Vector_Object_Type: Point
Spatial_Reference_Information:
        Horizontal_Coordinate_System_Definition:
                Planar:
                        Grid_Coordinate_System:
                                Grid_Coordinate_System_Name: State Plane Coordinate
System 1983
                                State_Plane_Coordinate_System:
                                        SPCS_Zone_Identifier: 901
                                        Transverse_Mercator:
                                                Scale_Factor_at_Central_Meridian:
0.9999411765
                                                Longitude_of_Central_Meridian:
-081.000000
                                                Latitude_of_Projection_Origin:
+24.200000
                                                False_Easting: 656166.67
                                                False_Northing: 0.0
                        Planar_Coordinate_Information:
                                Planar_Coordinate_Encoding_Method: coordinate pair
                                Coordinate_Representation:
                                        Abscissa_Resolution: 0.01
                                        Ordinate_Resolution: 0.01
                                Planar_Distance_Units: Survey Feet
                Geodetic_Model:
                        Horizontal_Datum_Name: North American Datum of 1983
                        Ellipsoid_Name: Geodetic Reference System 80
                        Semi-major_Axis: 6378137 M
                        Denominator_of_Flattening_Ratio: 298.25722
        Vertical_Coordinate_System_Definition:
                Altitude_System_Definition:
                        Altitude_Datum_Name: National Geodetic Vertical Datum of
1929
                        Altitude_Resolution: 0.0
                        Altitude_Distance_Units: Feet
                        Altitude_Encoding_Method: Explicit elevation coordinate
included with horizontal coordinates
                Depth_System_Definition:
                        Depth_Datum_Name: NGVD1929 With Mean Low Datum's Applied
                        Depth_Resolution: 0.0
                        Depth_Distance_Units: Feet
                        Depth_Encoding_Method: Explicit depth coordinate included
```

```
with horizontal coordinates
Distribution_Information:
        Distributor:
                Contact_Information:
                        Contact_Person_Primary:
                                Contact_Person: Brian K. Brodehl
                                Contact_Organization: USACE
                        Contact_Position: Chief,  Hydrograhic Survey Section
                        Contact_Address:
                                Address_Type: mailing and physical address
                                Address:
                                        U.S. Army Corps of Engineers
                                        Jacksonville District CO-OH
                                        701 San Marco BLVD
                                City: Jacksonville
                                State_or_Province: Florida
                                Postal_Code: 32207-8175
                                Country: USA
                        Contact_Voice_Telephone: 904-232-3600
                        Contact_Facsimile_Telephone: 904-232-3696
                        Contact_Electronic_Mail_Address:
brian.k.brodehl@saj02.usace.army.mil
                        Hours_of_Service: Any Time
                        Contact_Instructions: n/a
        Resource_Description: Survey 07-012
        Distribution_Liability:
                The data represents the results of data
                collection/processing for a specific U.S. Army Corps of
                Engineers activity and indicates the general existing
                conditions.  As such, it is only valid for it's intended use,
                content, time, and accuracy specifications.  The user is
                responsible for the results of any application of the data for
                other than it's intended purpose.
        Standard_Order_Process:
                Digital_Form:
                        Digital_Transfer_Information:
                                Format_Name: DGN
                                File_Decompression_Technique: No compression applied
                        Digital_Transfer_Option:
                                Online_Option:
                                        Computer_Contact_Information:
                                                Network_Address:
                                                        Network_Resource_Name:
www.saj.usace.army.mil/hydroSurvey/hydro.htm
                                        Access_Instructions:
www.saj.usace.army.mil/hydroSurvey/hydro.htm
                                        Online_Computer_and_Operating_System:
www.saj.usace.army.mil/hydroSurvey/hydro.htm
                Fees: None
Metadata_Reference_Information:
        Metadata_Date: 20070322
        Metadata_Review_Date: 20070111
        Metadata_Contact:
                Contact_Information:
                        Contact_Person_Primary:
                                Contact_Person: Brian K. Brodehl
                                Contact_Organization: CESAJ-CO-OH
                        Contact_Position: Chief, Hydrographic Survey Section
                        Contact_Address:
                                Address_Type: mailing and physical address
                                Address:
                                        U.S. Army Corps of Engineers
                                        Jacksonville District CO-OH
```

07-012.met
701 San Marco Blvd
City: Jacksonville
State_or_Province: Florida
Postal_Code: 32207-8175
Country: USA
Contact_Voice_Telephone: 904-232-3600
Contact_Facsimile_Telephone: 904-232-3676
Contact_Electronic_Mail_Address:
Brian.k.brodehl@saj02.usace.army.mil
Hours_of_Service: Any Time
Contact_Instructions: n/a
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: Local time
Metadata_Access_Constraints: None
Metadata_Use_Constraints:
The data represents the results of data collection/processing for a specific U.S. Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for it's intended use, content, time, and accuracy specifications. The user is responsible for the results of any application of the data for other than it's intended purpose.